

Outdoor Unit Single Zone Heat Pump Ductless System

Outdoor Model: 38MBQB36---3



Submittal Data

Job Data:

Location:

Buyer: Buyer P.O. #:

Carrier #:

Unit Number:

Model Number:

Performance Data Certified By:

Date:



Performance
SERIES

STANDARD FEATURES

- Variable Speed (Inverter)
- Factory installed base pan heater
- Factory installed Crankcase Heater
- Low Voltage Controls
- Auto-Restart function
- Condenser High Temp Protection
- Refrigerant Leakage Detection
- Modes: Cool, Heat, Dry, Fan, Auto
- Quiet operation
- 46°F Heating Mode (Heating Setback)

System	Size		36
	Outdoor Model		38MBQB36---3
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60
	MCA	A.	30
	MOCP - Fuse Rating	A.	50
Operating Range	Cooling Outdoor DB Min - Max	°F(°C)	-4~122 (-20~50)
	Heating Outdoor DB Min - Max	°F(°C)	-4~86 (-20~30)
Piping	Total Piping Length	ft (m)	213 (65)
	Piping Lift*	ft (m)	98 (30)
	Pipe Connection Size - Liquid	in (mm)	3/8 (9.52)
	Pipe Connection Size - Suction	in (mm)	5/8 (16)
Refrigerant	Refrigerant Type		R410A
	Metering Device		EEV
	Charge	lbs (kg)	7.5 (3.4)

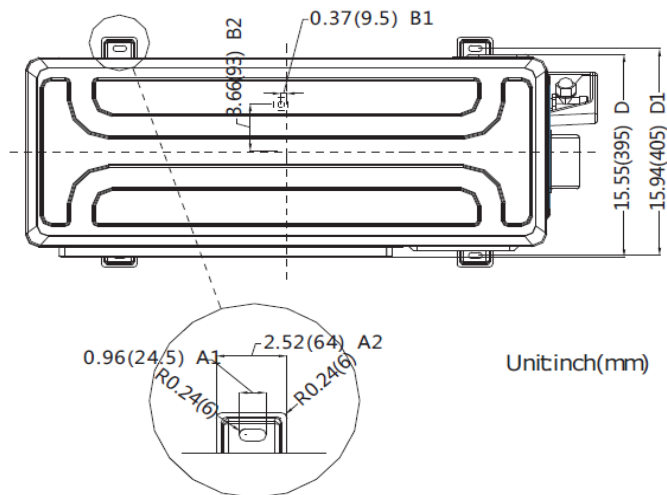
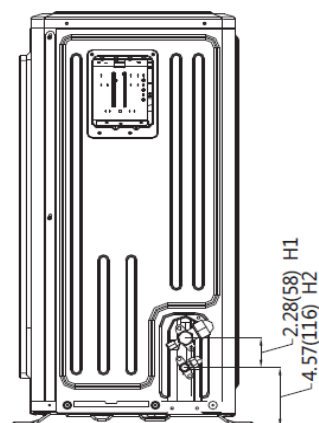
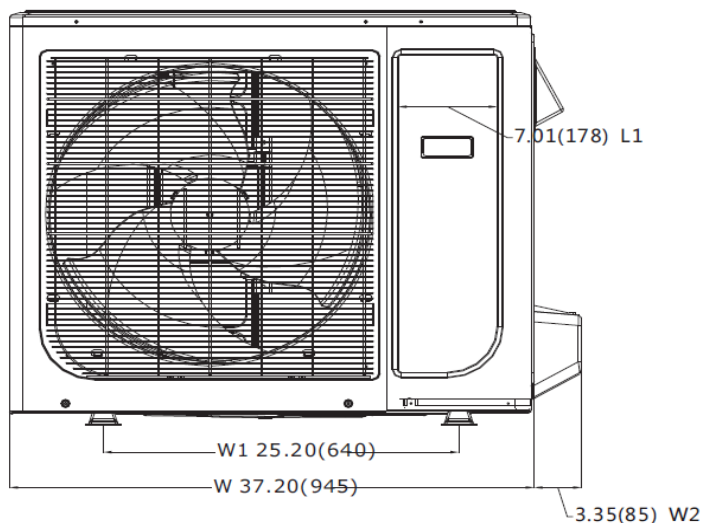
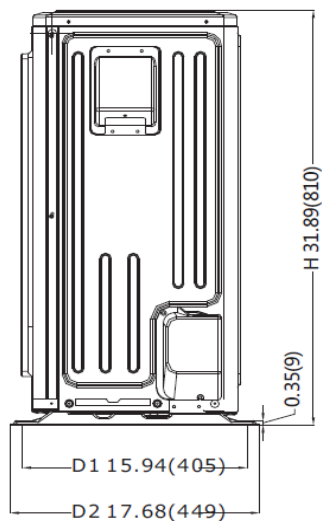
Outdoor Coil	Face Area	Sq. Ft.	8.2
	No. Rows		3
	Fins per inch		17
	Circuits		6
Compressor	Type		Rotary Inverter
	Model		TNB306FPGMC-L
	Oil Type		FV50S
	Oil Charge	Fl. Oz.	36.2
	Rated Current	RLA	13.5
Outdoor	Unit Width	in (mm)	37.20 (945)
	Unit Height	in (mm)	31.89 (810)
	Unit Depth	in (mm)	15.55 (395)
	Net Weight	lbs (kg)	160.94 (73)
	Airflow	CFM	2,940
	Sound Pressure	dB(A)	65.0

Performance

Ducted	Indoor Model		40MBQB36D--3
	Energy Star		NO
	Cooling Rated Capacity	Btu/h	36,000
	Cooling Cap. Range Min - Max	Btu/h	8,500~38,000
	SEER		15.5
	EER		8.5
	Heating Rated Capacity (47°F)	Btu/h	38,000
	Heating Rated Capacity (17°F)	Btu/h	24,400
	Heating Maximum Capacity (17°F)	Btu/h	29,700
	Heating Capacity (5°F)	Btu/h	24,100
	Heating Cap. Range Min - Max	Btu/h	9,500~50,000
	HSPF		10.5
	COP (47°F)	W/W	3.45
	COP (17°F)	W/W	2.24
	COP (5°F)	W/W	1.92

Construction View

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Unit:inch(mm)

